Barton Alpha Textbook ( Word, Abbreviation and Symbol Lists)

Chapter 1

Numeracy – understanding and using whole numbers

place value

digit

whole number

expanded form

powers of 10

abacus

difference

sum

addition

subtraction

repeated addition

multiplication

division

product

quotient

maximum

number strategy

distributive property

doubling and halving method

number sentence

evaluate

estimation

approximate

round

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Chapter 2

Decimals

decimal

decimal point

fraction

number system

expanded form

number line

greater than

less than

estimate

calculator

leading zero

recurring decimal

decimal places

rounding

rounding up

rounding down

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Chapter 3

Integers

integer

negative number

positive number

number line

consecutive

under par

over par

number sequence

+sign

-sign

<

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Chapter 4

Multiples, Factors, Primes

counting numbers

natural numbers

multiple

even numbers

odd numbers

lowest common multiple (LCM)

factor

common factors

rules of divisibility

divisible

highest common factor (HCF)

prime

composite numbers

reverse prime

sieve

conjecture

prime factors

terminate

Chapter 5

Powers and Square Roots

powers

squared

cubed

index

indices

base

power form

Mersenne numbers

square root

1 dp

√

x²

x³

Chapter 6

Brackets and Order of Operations

brackets

mathematical expression

order of operations

BEDMAS/BODMAS

Chapter 7

Fractions 1

fraction

part

whole

numerator

denominator

tangram

scaling up

scaling down

equivalent fractions

simplest form

simplify fractions

Chapter 8

Fractions 2

reciprocal

mixed number

comparing

approximation

Chapter 9

Percentages

convert

percent

percentage

percentage of quantity

of

percentage increase

percentage decrease

profit

loss